

ROSHAN JHA

West Bengal

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Education

BP Poddar Institute of Technology and Management

B.Tech in Computer Science and Engineering (CGPA of 7.3)

June 2020 - June 2024

Kolkata, West bengal, India

Calcutta Public School

Class 12th (PCM) - 83%

March 2017 - March 2018

Kolkata, West Bengal, India

Projects

Youtube-Twitter | Node.js, Cloudinary Express, MongoDB, and React

[Live](#) | [Github](#)

- The “Youtube-twitter” app combines the functionalities of both platform allowing user to share And discuss video and Tweet their mind out . Leveraging Cloudinary for uploading image and Video effortlessly.
- .Using MongoDB for scalable data storage ,bcrypt for password and other Credential hashing for user protection and used Multer for smooth handling of files. The frontEnd is developed using Vite which is a pretty fast build tool for web development. .

CoderStop | Node.js, Express, Next.js, Redis, Prisma, MongoDB, and Tailwind CSS

[Live](#) | [Github](#)

- The “CoderStop” app is a dynamic platform for Coders with NextJs and AcertinityUI(which is An Open Source component Library) This app will be the one stop platform for all the Coders Across Globes .
- It has Some Basic functionalities which allows them to interact and make Friends and chats with other coders, Allows them to see their current position ,helps them to see Coders across globe various api endpoints being used to help them for Github, Codeforce LC
- ToolsUsed: Shadcn, Zod, MongoDB, Redis, Authjs, Next Js, Jwt, Bcrypt, Sender.

Whisper Wire | Typescript, Next.js, Node.js and MongoDB

[Live](#) | [Github](#)

- Whisper wire is an innovative application made using Next-js it allows you to send message to Anyone following the link and your identity will be kept secret.
- Used Many modern Tool such Such as NodeMailer for sending mail, Bcryptjs for hashing password, Zod for validations and checks, MongoDB for database.
- Used shadcn which provides beautiful Components for mordern apps such as this Leveraging tailwind-Css for inline css.

Achievements

- **313** Global Rank out of 8500 in May Lunchtime 2022, Codechef
- Contributed innovative solutions during Hactoberfest 2023 event, delivering **10+** pull requests on open-source projects, resulting in increased code functionality, improved user experience, and enhanced overall project quality.
- Solved **700+** Problems on Leetcode. Contest rating : **1553 (in 28.72%)**

Technical Skills

Languages: Java, HTML, SQL, NoSQL, CSS, TypeScript, JavaScript

Developer Tools: VS Code, Eclipse, Postman, Thunder Client, IntelliJ Idea,

Technologies/Frameworks/Database: GitHub, NodeJS, ReactJS, Mongoose, MongoDB, PostgreSQL, Prisma, Redis, REST APIs

Experience

- Collaborated on Various Projects on Institute Level.
- Collaborated with the project maintainers and other contributors to implement a starting Kit leveraging the surrealDB for database management.